

Source Water Assessment Report



Public Water Supply: ELLSWORTH CO RWD 1

**Assessment Areas Include:
932**



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Reports were generated with the Automated Source Water Assessment Tool (ASWAT). Assessments were completed online using ASWAT by hundreds of state employees, public water supply staff, and technical assistant providers throughout the State of Kansas.

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Report Description

Detailed Explanation of Entire Report:

The 1996 amendments to the Safe Drinking Water Act require each state to develop a Source Water Assessment Program (SWAP) and a Source Water Assessment (SWA) for each Public Water Supply (PWS) that treats and distributes raw source water. In Kansas there are 761 public water supplies that require SWAs. A SWA includes a delineation of the source water assessment area, an inventory of potential contaminant sources, and a susceptibility analysis.

A PWS can consist of one or more individual assessment areas that require different assessments. In general, an assessment area is delineated at a two-mile fixed radius for a groundwater well. A surface water intake assessment area is the upstream-drainage area (watershed), inside the state border. Additionally, an assessment area can consist of an individual well, group of wells, an individual surface water intake, or multiple surface water intakes.

After each assessment is completed a report is automatically generated using an Internet-based application called the Automated Source Water Assessment Tool (ASWAT). The individual assessment reports combine to form the entire SWA report for a PWS.

A map of each Assessment Area was also generated with ASWAT. However, for security reasons the maps are not included in this report. To obtain a copy of the map(s), please contact your local PWS.

All PWS reports will be available for viewing and downloading on KDHE's Watershed Management Section website(<http://www.kdhe.state.ks.us/nps>) in 2004.

ELLSWORTH CO RWD 1 Summary:

AA	Type	Diversion Id
932	Surface water single intake	999

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-04-17 10:19:46**

Executive Summary:

The Executive Summary gives the assessment area's Susceptibility Likelihood Score (SLS) for each contaminant of concern category.

SLS indicates which contaminant category is most likely to impact a given public water supply. Contaminants of concern for groundwater include microbiological, inorganic compounds, nitrates, synthetic organic compounds, pesticides, and volatile organic compounds. Contaminants of concern for surface water include microbiological, inorganic compounds, eutrophication – phosphorus, sedimentation, synthetic organic compounds, pesticides, and volatile organic compounds.

To determine the assessment area's susceptibility to contamination, a qualitative (semi-quantitative) screening level susceptibility analysis was designed that utilizes general assumptions and best professional judgement. It is a systematic procedure comprised of simple yes/no questions. Each question in the susceptibility analysis focuses on the presence or absence of potential pollution sources in the assessment area. SLS is most useful in helping the Public Water Supply (PWS) focus on water quality protection actions towards a contaminant category of concern. For example, if the SLS for microbiological contamination is high, relative to volatile organic compounds (VOC), water supply protection planners would conclude that the attention should be directed towards microbiological contaminant sources rather than VOC sources.

Executive Summary

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**

Susceptibility Likelihood Scores for Assessment Area

	A	B	B1	B2	C	C*	D
Susceptibility Likelihood Score – SLS	40	45	59	58	44	39	43
SLS Range	Low	Low	Mid	Mid	Low	Low	Low

A – Microbiological

B2 – Sedimentation

C* – Pesticides

B – Inorganic Compounds

C – Synthetic Organic Compounds

D – Volatile Organic Compounds

B1 – Eutrophication – Phosphorous

Susceptibility Likelihood Range

SLS Range	
0–50	Low Susceptibility
51–80	Moderate Susceptibility
81–100	High Susceptibility

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Potential Sources:

The Potential Sources section lists all the sites that have been identified as potential sources of contamination.

Potential sources of contamination may include land uses, industry, or businesses that could generate or store chemicals/substances that could potentially contaminate the water supply only if released into the environment. Both unregulated sites from business location databases and regulated sites from various KDHE databases were compiled. Additional sites could have been added by an evaluator through the assessment process to supplement the original data.

The 1987 Standard Industrial Classifications (SIC) were used to identify potential contaminate sites. The SIC system classifies establishments into industries on the basis of the primary activities of the establishment.

Each assessment area is delineated with 3 assessment zones. These zones can be used to get a general understanding of the potential influence sites have based on proximity to the water supply. Zone A is a 100-foot radius around a groundwater well and a 1000-foot radius around a surface water intake. Zone B is a 2000-foot radius around wells and a hydrological delineated buffer around the surface water sources. Zone C is a 2-mile radius around wells and the balance of the watershed for intakes. The potential sources listed in this section are sorted to show all the potential sources in Zone A first, Zone B second, and Zone C third.

Although a facility or business is identified in the study as a potential concern, it does not necessarily mean a release or spill has occurred. Contamination could only occur if certain chemical substances are released into the environment and filter into the water supply source.

The data for the potential sources of contamination was compiled from May through August in 2002. Some of the databases used were incomplete datasets that are continually being updated. Due to the incompleteness, inaccuracies, and new development, it is possible that sources of potential contamination that are in the assessment area are not included in the report. Inaccurate locations could also cause sources to show up in the assessment area that are not actually in the assessment. Additionally, duplication between the datasets could cause sites to show up multiple times in the assessment area.

Potential Sources

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
209853	Wheat Field	111	C
211898	General Farm, Primarily Crop	191	C
211950	General Farm, Primarily Crop	191	C
211952	General Farm, Primarily Crop	191	C
211990	General Farm, Primarily Crop	191	C
211998	General Farm, Primarily Crop	191	C
211999	General Farm, Primarily Crop	191	C
212254	General Farm, Primarily Crop	191	C
212259	General Farm, Primarily Crop	191	C
212719	General Farm, Primarily Crop	191	C
213112	General Farm, Primarily Crop	191	C
213113	General Farm, Primarily Crop	191	C
213114	General Farm, Primarily Crop	191	C
213115	General Farm, Primarily Crop	191	C
213116	General Farm, Primarily Crop	191	C
213117	General Farm, Primarily Crop	191	C
213225	General Farm, Primarily Crop	191	C
213233	General Farm, Primarily Crop	191	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
213235	General Farm, Primarily Crop	191	C
213265	General Farm, Primarily Crop	191	C
213269	General Farm, Primarily Crop	191	C
213286	General Farm, Primarily Crop	191	C
213287	General Farm, Primarily Crop	191	C
213288	General Farm, Primarily Crop	191	C
213291	General Farm, Primarily Crop	191	C
213293	General Farm, Primarily Crop	191	C
213294	General Farm, Primarily Crop	191	C
213295	General Farm, Primarily Crop	191	C
213296	General Farm, Primarily Crop	191	C
213323	General Farm, Primarily Crop	191	C
206464	Cattle Farm	211	C
208239	Cattle Farm	211	C
211893	Cattle Farm	211	C
211894	Cattle Farm	211	C
211895	Cattle Farm	211	C
211896	Cattle Farm	211	C
211955	Cattle Farm	211	C
211959	Cattle Farm	211	C
211995	Cattle Farm	211	C
211997	Cattle Farm	211	C
212453	Cattle Farm	211	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
212473	Cattle Farm	211	C
212712	Cattle Farm	211	C
213227	Cattle Working Area	212	C
212710	Dairy Farms	241	C
197093	Veterinary Services, Specialties	742	C
197094	Veterinary Services, Specialties	742	C
197095	Veterinary Services, Specialties	742	C
206997	Veterinary Services, Specialties	742	C
207646	Veterinary Services, Specialties	742	C
207647	Veterinary Services, Specialties	742	C
207937	Veterinary Services, Specialties	742	C
207938	Veterinary Services, Specialties	742	C
207939	Veterinary Services, Specialties	742	C
207982	Veterinary Services, Specialties	742	C
209665	Veterinary Services, Specialties	742	C
210008	Veterinary Services, Specialties	742	C
210052	Veterinary Services, Specialties	742	C
210504	Veterinary Services, Specialties	742	C
212466	Veterinary Services, Specialties	742	C
212467	Veterinary Services, Specialties	742	C
212468	Veterinary Services, Specialties	742	C
212469	Veterinary Services, Specialties	742	C
212720	Veterinary Services, Specialties	742	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
206465	Animal Specialty Services	752	C
206916	Animal Specialty Services	752	C
206955	Animal Specialty Services	752	C
207684	Animal Specialty Services	752	C
207886	Animal Specialty Services	752	C
210048	Animal Specialty Services	752	C
212721	Animal Specialty Services	752	C
209670	Drilling Oil and Gas Wells	1381	C
209671	Drilling Oil and Gas Wells	1381	C
209672	Drilling Oil and Gas Wells	1381	C
210235	Drilling Oil and Gas Wells	1381	C
206469	Oil and Gas Field services	1389	C
206470	Oil and Gas Field services	1389	C
206471	Oil and Gas Field services	1389	C
206472	Oil and Gas Field services	1389	C
206473	Oil and Gas Field services	1389	C
206474	Oil and Gas Field services	1389	C
206475	Oil and Gas Field services	1389	C
206897	Oil and Gas Field services	1389	C
207045	Oil and Gas Field services	1389	C
207142	Oil and Gas Field services	1389	C
207208	Oil and Gas Field services	1389	C
207256	Oil and Gas Field services	1389	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
207379	Oil and Gas Field services	1389	C
207380	Oil and Gas Field services	1389	C
207622	Oil and Gas Field services	1389	C
207639	Oil and Gas Field services	1389	C
207640	Oil and Gas Field services	1389	C
207841	Oil and Gas Field services	1389	C
207845	Oil and Gas Field services	1389	C
207855	Oil and Gas Field services	1389	C
207861	Oil and Gas Field services	1389	C
207874	Oil and Gas Field services	1389	C
207900	Oil and Gas Field services	1389	C
207901	Oil and Gas Field services	1389	C
207910	Oil and Gas Field services	1389	C
207935	Oil and Gas Field services	1389	C
207945	Oil and Gas Field services	1389	C
207961	Oil and Gas Field services	1389	C
207980	Oil and Gas Field services	1389	C
207987	Oil and Gas Field services	1389	C
207988	Oil and Gas Field services	1389	C
208199	Oil and Gas Field services	1389	C
208206	Oil and Gas Field services	1389	C
208274	Oil and Gas Field services	1389	C
208275	Oil and Gas Field services	1389	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
208296	Oil and Gas Field services	1389	C
209673	Oil and Gas Field services	1389	C
209674	Oil and Gas Field services	1389	C
209675	Oil and Gas Field services	1389	C
209676	Oil and Gas Field services	1389	C
209677	Oil and Gas Field services	1389	C
209678	Oil and Gas Field services	1389	C
209679	Oil and Gas Field services	1389	C
209680	Oil and Gas Field services	1389	C
209681	Oil and Gas Field services	1389	C
209682	Oil and Gas Field services	1389	C
209683	Oil and Gas Field services	1389	C
209684	Oil and Gas Field services	1389	C
209685	Oil and Gas Field services	1389	C
209846	Oil and Gas Field services	1389	C
209847	Oil and Gas Field services	1389	C
209850	Oil and Gas Field services	1389	C
209878	Oil and Gas Field services	1389	C
209939	Oil and Gas Field services	1389	C
209943	Oil and Gas Field services	1389	C
209998	Oil and Gas Field services	1389	C
209999	Oil and Gas Field services	1389	C
210001	Oil and Gas Field services	1389	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
210003	Oil and Gas Field services	1389	C
210006	Oil and Gas Field services	1389	C
210038	Oil and Gas Field services	1389	C
210040	Oil and Gas Field services	1389	C
210049	Oil and Gas Field services	1389	C
210051	Oil and Gas Field services	1389	C
210056	Oil and Gas Field services	1389	C
210060	Oil and Gas Field services	1389	C
210259	Oil and Gas Field services	1389	C
210268	Oil and Gas Field services	1389	C
210274	Oil and Gas Field services	1389	C
210294	Oil and Gas Field services	1389	C
210524	Oil and Gas Field services	1389	C
211905	Oil and Gas Field services	1389	C
212265	Oil and Gas Field services	1389	C
212443	Oil and Gas Field services	1389	C
212476	Oil and Gas Field services	1389	C
199711	Single-family Housing Construction	1521	C
206600	Single-family Housing Construction	1521	C
206621	Single-family Housing Construction	1521	C
206627	Single-family Housing Construction	1521	C
206645	Single-family Housing Construction	1521	C
206734	Single-family Housing Construction	1521	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
206881	Single-family Housing Construction	1521	C
207076	Single-family Housing Construction	1521	C
207115	Single-family Housing Construction	1521	C
207140	Single-family Housing Construction	1521	C
207162	Single-family Housing Construction	1521	C
207207	Single-family Housing Construction	1521	C
207232	Single-family Housing Construction	1521	C
207302	Single-family Housing Construction	1521	C
207367	Single-family Housing Construction	1521	C
207431	Single-family Housing Construction	1521	C
207505	Single-family Housing Construction	1521	C
207671	Single-family Housing Construction	1521	C
207677	Single-family Housing Construction	1521	C
207877	Single-family Housing Construction	1521	C
207902	Single-family Housing Construction	1521	C
207903	Single-family Housing Construction	1521	C
207918	Single-family Housing Construction	1521	C
207963	Single-family Housing Construction	1521	C
208072	Single-family Housing Construction	1521	C
208182	Single-family Housing Construction	1521	C
208197	Single-family Housing Construction	1521	C
208231	Single-family Housing Construction	1521	C
208277	Single-family Housing Construction	1521	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
209848	Single-family Housing Construction	1521	C
209892	Single-family Housing Construction	1521	C
209970	Single-family Housing Construction	1521	C
210236	Single-family Housing Construction	1521	C
210257	Single-family Housing Construction	1521	C
210261	Single-family Housing Construction	1521	C
210275	Single-family Housing Construction	1521	C
210292	Single-family Housing Construction	1521	C
210322	Single-family Housing Construction	1521	C
210542	Single-family Housing Construction	1521	C
211892	Single-family Housing Construction	1521	C
212266	Single-family Housing Construction	1521	C
212722	Single-family Housing Construction	1521	C
212792	Single-family Housing Construction	1521	C
213119	Single-family Housing Construction	1521	C
213289	Single-family Housing Construction	1521	C
196967	Nonresidential Construction	1542	C
196971	Nonresidential Construction	1542	C
197109	Nonresidential Construction	1542	C
207206	Nonresidential Construction	1542	C
207583	Nonresidential Construction	1542	C
207678	Nonresidential Construction	1542	C
209973	Nonresidential Construction	1542	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
210463	Nonresidential Construction	1542	C
212325	Nonresidential Construction	1542	C
212332	Nonresidential Construction	1542	C
196908	Highway and Street Construction	1611	C
197099	Highway and Street Construction	1611	C
206476	Highway and Street Construction	1611	C
206477	Highway and Street Construction	1611	C
207289	Highway and Street Construction	1611	C
207371	Highway and Street Construction	1611	C
209687	Highway and Street Construction	1611	C
211868	Highway and Street Construction	1611	C
212455	Highway and Street Construction	1611	C
213217	Highway and Street Construction	1611	C
213298	Highway and Street Construction	1611	C
196909	Meat Packing Plant Manufacturing	2011	C
199714	Meat Packing Plant Manufacturing	2011	C
210300	Meat Packing Plant Manufacturing	2011	C
212726	Meat Packing Plant Manufacturing	2011	C
207668	Prepared Feeds For Animals and Fowls	2048	C
210297	Bottled and Canned Soft Drinks Production	2086	C
207537	Wood Kitchen Cabinets Manufacturing	2434	C
206485	Structural Wood members Manufacturing	2439	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
206486	Prefabricated Wood Buildings Manufacturing	2452	C
209988	Wood Household Furniture Manufacturing	2511	C
210019	Wood Partitions and Fixtures Manufacturing	2541	C
197074	Newspapers Publishing and Printing	2711	C
199716	Newspapers Publishing and Printing	2711	C
207736	Newspapers Publishing and Printing	2711	C
208171	Newspapers Publishing and Printing	2711	C
209797	Newspapers Publishing and Printing	2711	C
209798	Newspapers Publishing and Printing	2711	C
210403	Newspapers Publishing and Printing	2711	C
212363	Newspapers Publishing and Printing	2711	C
213126	Newspapers Publishing and Printing	2711	C
213127	Newspapers Publishing and Printing	2711	C
213128	Newspapers Publishing and Printing	2711	C
199717	Commercial Printing–Lithographic	2752	C
207731	Commercial Printing–Lithographic	2752	C
199718	Commercial Printing NEC	2759	C
207164	Commercial Printing NEC	2759	C
207782	Commercial Printing NEC	2759	C
207792	Commercial Printing NEC	2759	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
207793	Commercial Printing NEC	2759	C
209829	Commercial Printing NEC	2759	C
209903	Commercial Printing NEC	2759	C
210384	Commercial Printing NEC	2759	C
212695	Nitrogen Fertilizer Manufacturing	2873	C
212727	Nitrogen Fertilizer Manufacturing	2873	C
207983	Petroleum Refining	2911	C
197673	Brick and Structural Clay Tile Manufacturing	3251	C
209799	Ready-mix Concrete Plant	3273	C
209689	Mineral Wool Manufacturing	3296	C
206850	Sheet Metal Work Manufacturing	3444	C
205897	Plating and Polishing Manufacturing	3471	C
197086	Farm Machinery and Equipment	3523	C
210271	Farm Machinery and Equipment	3523	C
210324	Farm Machinery and Equipment	3523	C
211909	Farm Machinery and Equipment	3523	C
212730	Farm Machinery and Equipment	3523	C
212778	Farm Machinery and Equipment	3523	C
207107	Special Industries Machinery Manufacturing	3559	C
210325	Special Industries Machinery Manufacturing	3559	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
206489	Machinery, Except Electrical Manufacturing	3599	C
207921	Machinery, Except Electrical Manufacturing	3599	C
210061	Machinery, Except Electrical Manufacturing	3599	C
210326	Machinery, Except Electrical Manufacturing	3599	C
210327	Machinery, Except Electrical Manufacturing	3599	C
212417	Machinery, Except Electrical Manufacturing	3599	C
207883	Storage Batteries Manufacturing	3691	C
209982	Engine Electrical Equipment Manufacturing	3694	C
210018	Motor Vehicles and Car Bodies Manufacturing	3711	C
207634	Aircraft Equipment Manufacturing	3728	C
207974	Aircraft Equipment Manufacturing	3728	C
210471	Travel trailers and Campers Manufacturing	3792	C
208205	Surgical Appliances and Supplies Manufacturing	3842	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
206602	Signs and Advertising Display Manufacturing	3993	C
206672	Signs and Advertising Display Manufacturing	3993	C
206858	Signs and Advertising Display Manufacturing	3993	C
207936	Signs and Advertising Display Manufacturing	3993	C
209733	Signs and Advertising Display Manufacturing	3993	C
210281	Signs and Advertising Display Manufacturing	3993	C
212462	Signs and Advertising Display Manufacturing	3993	C
206907	Manufacturing Industries, nec	3999	C
207263	Manufacturing Industries, nec	3999	C
205899	Local Trucking, without Storage	4212	C
206491	Local Trucking, without Storage	4212	C
206492	Local Trucking, without Storage	4212	C
209776	Local Trucking, without Storage	4212	C
209983	Local Trucking, without Storage	4212	C
210037	Local Trucking, without Storage	4212	C
210303	Local Trucking, without Storage	4212	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
210304	Local Trucking, without Storage	4212	C
212268	Local Trucking, without Storage	4212	C
212696	Local Trucking, without Storage	4212	C
196981	Farm Product Warehousing and Storage	4221	C
199779	Farm Product Warehousing and Storage	4221	C
205406	Farm Product Warehousing and Storage	4221	C
205407	Farm Product Warehousing and Storage	4221	C
207975	Farm Product Warehousing and Storage	4221	C
208071	Farm Product Warehousing and Storage	4221	C
208100	Farm Product Warehousing and Storage	4221	C
208121	Farm Product Warehousing and Storage	4221	C
208145	Farm Product Warehousing and Storage	4221	C
208146	Farm Product Warehousing and Storage	4221	C
208147	Farm Product Warehousing and Storage	4221	C
208161	Farm Product Warehousing and Storage	4221	C
208300	Farm Product Warehousing and Storage	4221	C
209120	Farm Product Warehousing and Storage	4221	C
209121	Farm Product Warehousing and Storage	4221	C
209126	Farm Product Warehousing and Storage	4221	C
209661	Farm Product Warehousing and Storage	4221	C
210238	Farm Product Warehousing and Storage	4221	C
210317	Farm Product Warehousing and Storage	4221	C
210501	Farm Product Warehousing and Storage	4221	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
210562	Farm Product Warehousing and Storage	4221	C
211911	Farm Product Warehousing and Storage	4221	C
211962	Farm Product Warehousing and Storage	4221	C
211963	Farm Product Warehousing and Storage	4221	C
211964	Farm Product Warehousing and Storage	4221	C
211965	Farm Product Warehousing and Storage	4221	C
212269	Farm Product Warehousing and Storage	4221	C
212331	Farm Product Warehousing and Storage	4221	C
212472	Farm Product Warehousing and Storage	4221	C
212709	Farm Product Warehousing and Storage	4221	C
212732	Farm Product Warehousing and Storage	4221	C
213131	Farm Product Warehousing and Storage	4221	C
213132	Farm Product Warehousing and Storage	4221	C
213133	Farm Product Warehousing and Storage	4221	C
213220	Farm Product Warehousing and Storage	4221	C
213271	Farm Product Warehousing and Storage	4221	C
213301	Farm Product Warehousing and Storage	4221	C
213331	Farm Product Warehousing and Storage	4221	C
206498	Combination Utility Services, nec	4939	C
196910	Refuse Systems	4953	C
199777	Refuse Systems	4953	C
207046	Refuse Systems	4953	C
207047	Refuse Systems	4953	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
207885	Refuse Systems	4953	C
207959	Refuse Systems	4953	C
213224	Refuse Systems	4953	C
213303	Refuse Systems	4953	C
207917	Recreational vehicle sales and repair	5012	C
196948	Farm and Garden Machinery	5083	C
197076	Farm and Garden Machinery	5083	C
205423	Farm and Garden Machinery	5083	C
207298	Farm and Garden Machinery	5083	C
207857	Farm and Garden Machinery	5083	C
207913	Farm and Garden Machinery	5083	C
207919	Farm and Garden Machinery	5083	C
207923	Farm and Garden Machinery	5083	C
207934	Farm and Garden Machinery	5083	C
208095	Farm and Garden Machinery	5083	C
209947	Farm and Garden Machinery	5083	C
209963	Farm and Garden Machinery	5083	C
210039	Farm and Garden Machinery	5083	C
210330	Farm and Garden Machinery	5083	C
210388	Farm and Garden Machinery	5083	C
211912	Farm and Garden Machinery	5083	C
212335	Farm and Garden Machinery	5083	C
212444	Farm and Garden Machinery	5083	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
212450	Farm and Garden Machinery	5083	C
212697	Farm and Garden Machinery	5083	C
212713	Farm and Garden Machinery	5083	C
212821	Farm and Garden Machinery	5083	C
213135	Farm and Garden Machinery	5083	C
213136	Farm and Garden Machinery	5083	C
213137	Farm and Garden Machinery	5083	C
197682	Scrap and Waste Materials	5093	C
205896	Scrap and Waste Materials	5093	C
207972	Scrap and Waste Materials	5093	C
210050	Scrap and Waste Materials	5093	C
212711	Scrap and Waste Materials	5093	C
213138	Scrap and Waste Materials	5093	C
197100	Gasoline Service Station	5541	C
199772	Gasoline Service Station	5541	C
199773	Gasoline Service Station	5541	C
205408	Gasoline Service Station	5541	C
206456	Gasoline Service Station	5541	C
206510	Gasoline Service Station	5541	C
206748	Gasoline Service Station	5541	C
206790	Gasoline Service Station	5541	C
206794	Gasoline Service Station	5541	C
206816	Gasoline Service Station	5541	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
207279	Gasoline Service Station	5541	C
207483	Gasoline Service Station	5541	C
207686	Gasoline Service Station	5541	C
207732	Gasoline Service Station	5541	C
207941	Gasoline Service Station	5541	C
208076	Gasoline Service Station	5541	C
208097	Gasoline Service Station	5541	C
208210	Gasoline Service Station	5541	C
209700	Gasoline Service Station	5541	C
209739	Gasoline Service Station	5541	C
209954	Gasoline Service Station	5541	C
210033	Gasoline Service Station	5541	C
210335	Gasoline Service Station	5541	C
210520	Gasoline Service Station	5541	C
211971	Gasoline Service Station	5541	C
212276	Gasoline Service Station	5541	C
212277	Gasoline Service Station	5541	C
212698	Gasoline Service Station	5541	C
212745	Gasoline Service Station	5541	C
213268	Gasoline Service Station	5541	C
207951	Recreational vehicle sales and repair	5561	C
207952	Recreational vehicle sales and repair	5561	C
206524	Mobile Home Park	6515	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
206525	Mobile Home Park	6515	C
207288	Mobile Home Park	6515	C
207503	Mobile Home Park	6515	C
207633	Mobile Home Park	6515	C
207904	Mobile Home Park	6515	C
210005	Mobile Home Park	6515	C
212442	Mobile Home Park	6515	C
199742	Recreational Vehicle Parks and Campsites	7033	C
210319	Recreational Vehicle Parks and Campsites	7033	C
212285	Recreational Vehicle Parks and Campsites	7033	C
212775	Recreational Vehicle Parks and Campsites	7033	C
207157	Photofinishing Laboratory	7384	C
196924	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
196925	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
196926	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
199750	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
206687	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
206729	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207332	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207569	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207590	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207629	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207643	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207673	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207842	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207908	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207911	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
207929	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
208209	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
209849	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
209852	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
210020	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
210046	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
210262	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
210483	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
210498	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
211932	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
211976	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
212344	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
212381	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
212774	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
213169	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
213259	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
196927	Auto Truck Repair Service	7538	C
196928	Auto Truck Repair Service	7538	C
196957	Auto Truck Repair Service	7538	C
197098	Auto Truck Repair Service	7538	C
199751	Auto Truck Repair Service	7538	C
199752	Auto Truck Repair Service	7538	C
199782	Auto Truck Repair Service	7538	C
206562	Auto Truck Repair Service	7538	C
206709	Auto Truck Repair Service	7538	C
206710	Auto Truck Repair Service	7538	C
206730	Auto Truck Repair Service	7538	C
206825	Auto Truck Repair Service	7538	C
206975	Auto Truck Repair Service	7538	C
207096	Auto Truck Repair Service	7538	C
207253	Auto Truck Repair Service	7538	C
207262	Auto Truck Repair Service	7538	C
207337	Auto Truck Repair Service	7538	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
207352	Auto Truck Repair Service	7538	C
207429	Auto Truck Repair Service	7538	C
207562	Auto Truck Repair Service	7538	C
207591	Auto Truck Repair Service	7538	C
207611	Auto Truck Repair Service	7538	C
207648	Auto Truck Repair Service	7538	C
207916	Auto Truck Repair Service	7538	C
208098	Auto Truck Repair Service	7538	C
208154	Auto Truck Repair Service	7538	C
208244	Auto Truck Repair Service	7538	C
209664	Auto Truck Repair Service	7538	C
209851	Auto Truck Repair Service	7538	C
209858	Auto Truck Repair Service	7538	C
209875	Auto Truck Repair Service	7538	C
209918	Auto Truck Repair Service	7538	C
209984	Auto Truck Repair Service	7538	C
210013	Auto Truck Repair Service	7538	C
210023	Auto Truck Repair Service	7538	C
210044	Auto Truck Repair Service	7538	C
210256	Auto Truck Repair Service	7538	C
210263	Auto Truck Repair Service	7538	C
210488	Auto Truck Repair Service	7538	C
210492	Auto Truck Repair Service	7538	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
210510	Auto Truck Repair Service	7538	C
211933	Auto Truck Repair Service	7538	C
211977	Auto Truck Repair Service	7538	C
211996	Auto Truck Repair Service	7538	C
212286	Auto Truck Repair Service	7538	C
212287	Auto Truck Repair Service	7538	C
212288	Auto Truck Repair Service	7538	C
212342	Auto Truck Repair Service	7538	C
212756	Auto Truck Repair Service	7538	C
213276	Auto Truck Repair Service	7538	C
213311	Auto Truck Repair Service	7538	C
206844	Car Wash	7542	C
206847	Car Wash	7542	C
207333	Car Wash	7542	C
207747	Car Wash	7542	C
212458	Car Wash	7542	C
213170	Car Wash	7542	C
196930	Repair Services, Nec	7699	C
199754	Repair Services, Nec	7699	C
206594	Repair Services, Nec	7699	C
206835	Repair Services, Nec	7699	C
206909	Repair Services, Nec	7699	C
207058	Repair Services, Nec	7699	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
207063	Repair Services, Nec	7699	C
207067	Repair Services, Nec	7699	C
207189	Repair Services, Nec	7699	C
207620	Repair Services, Nec	7699	C
207636	Repair Services, Nec	7699	C
207674	Repair Services, Nec	7699	C
207978	Repair Services, Nec	7699	C
209127	Repair Services, Nec	7699	C
209712	Repair Services, Nec	7699	C
209960	Repair Services, Nec	7699	C
209962	Repair Services, Nec	7699	C
210306	Repair Services, Nec	7699	C
210499	Repair Services, Nec	7699	C
212758	Repair Services, Nec	7699	C
212759	Repair Services, Nec	7699	C
210525	Racing, Including Track Operation	7948	C
196932	Golf Course	7992	C
207879	Golf Course	7992	C
207880	Golf Course	7992	C
208202	Golf Course	7992	C
209874	Golf Course	7992	C
210342	Golf Course	7992	C
211988	Golf Course	7992	C

Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
213174	Golf Course	7992	C

Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000025	Jim Mitten Trucking Inc.	A-SHLG-T001	C
2000039	Walker Ranch	A-SHWA-BA01	C
2000129	Dlabal, Stephen	A-SHEW-MA02	C
2000137	Homeier, Dale L.	A-SHEW-LA01	C
2000169	Jamison, Darin D.	A-SHGO-MA07	C
2000171	Yarmer, Robert	A-SHRS-MA03	C
2000177	Meder, Tom	A-SHEL-MA18	C
2000194	Walter Dairy	A-SHEL-MA05	C
2000248	Dorzweiler, F Marion	A-SHEL-MA15	C
2000312	Schwarzenberger, Frank	A-SHGO-MA04	C
2000335	Wolf, Laban	A-SHGO-M001	C
2000349	Huser, Leon	A-SHEL-M004	C
2000358	Trego Center Dairy	A-SHTR-M003	C
2000368	King, Milton	A-SHEL-MA06	C
2000397	Gross, Wilbert	A-SHEL-MA16	C
2000431	Kepka Dairy	A-SHRS-MA01	C
2000437	Spring Creek Farms	A-SHTR-S006	C

Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000477	Kuppetz Dairy	A-SHTR-MA03	C
2000491	Dorzweiler Dairy	A-SHEL-MA19	C
2000596	Compton, Jaems L.	A-SHWA-BA05	C
2000608	Barnes, Gerald	A-SHNS-BA01	C
2000647	Zimmerman, Keith	A-SHEL-BA02	C
2000685	Smoky Hill Dairy	A-SHEL-MA17	C
2000706	Augustine Dairy	A-SHTR-MA04	C
2000712	Easton, Charles	A-SHGO-MA05	C
2000753	Urban Barry	A-SHRH-B008	C
2000796	Schaus Dairy	A-SHTR-MA06	C
2000924	Powers, Roger	A-SHGO-BD11	C
2000928	Thielenhaus Brothers	A-SHRH-B007	C
2000934	Jones, David	A-SHWA-BA06	C
2000998	Wolf Dairy	A-SHGO-M004	C
2001004	Flora Farms, Inc.	A-SHGO-MA03	C
2001053	Kinderknecht, Tom	A-SHGO-S009	C
2001064	Kuhlman Farms	A-SHWA-BA08	C
2001092	Tustin, Wayne	A-SHGO-BA13	C
2001126	Fabrizius, Paul M.	A-SHTR-S004	C
2001226	Binder And Son Dairy	A-SHEL-M005	C
2001237	Gillespie Trust, Delmar J.	A-SHGO-S010	C
2001252	Dirks, Daryl	A-SHSC-S001	C
2001261	North Farms	A-SHRH-BA02	C

Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2001264	Chisum, Von	A-SHWA-BA04	C
2001268	Pfannenstiel, A. J. – Site #1	A-SHEL-BA03	C
2001271	Pfannenstiel, A. J. – Site #2	A-SHEL-BA04	C
2001277	Corner Clinic	A-SHRH-BA01	C
2001294	Poe, Kenneth L.	A-SHWA-BA10	C
2001358	Walker, R.d.	A-SHWA-LA01	C
2001406	Pflughoeft, Alan K./sandra L.	A-SHEW-BA01	C
2001499	Jamison Herefords	A-SHGO-BA08	C
2001587	Graham, Roland	A-SHGO-BA06	C
2001670	Brown, Harold And Greg	A-SHWA-BA03	C
2001694	Windholz Bro's	A-SHTR-S002	C
2001720	Northglen Farms	A-SHEL-B004	C
2001753	Werth, Leland	A-SHTR-B003	C
2001754	Heier, David	A-SHGO-BA03	C
2001809	Bohnen Cattle Company	A-SHRS-B002	C
2001823	Fort Hays State University Farm	A-SHEL-M001	C
2001835	Ostmeyer Hog Farm	A-SHGO-S005	C
2001846	Bemis, Taylor G.	A-SHEL-B006	C
2001853	Irvin, John H.	A-SHNS-BA02	C
2001854	Smoky Hill Feeders	A-SHGO-BA10	C
2001913	Wiles, Robert E.	A-SHWH-BA01	C
2001914	Puriton, Leonard	A-SHTR-BA01	C
2001917	North Farms	A-SHEL-BA01	C

Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2001928	Tuttle Farms	A-SHGO-B010	C
2001969	Roemer Son Farms, Inc.	A-SHGO-B005	C
2001995	Zerr, Clem	A-SHGO-BA09	C
2002010	Schertz, Larry F.	A-SHLG-BA01	C
2002059	Roberts, Carl M.	A-SHLE-B001	C
2002071	Kinderknecht, Tom	A-SHGO-BA12	C
2002089	Mather, Richard	A-SHLG-B001	C
2002146	Jennison Ranch	A-SHLE-B003	C
2002161	Wolf Dairy LLC	A-SHGO-B001	C
2002179	Russell Livestock Commission	A-SHRS-BD01	C
2002197	Harmony Hogs	A-SHSC-S004	C
2002210	Reinecker Feedlot #2	A-SHGO-B020	C
2002223	Mendenhall Sons	A-SHGO-B013	C
2002231	Riedel, Don D.	A-SHTR-B001	C
2002242	Sutcliffe, Stewart And Powers	A-SHGO-BA04	C
2002296	Reinecker Feedlot	A-SHGO-B008	C
2002302	D D Ranching Ent., Inc.	A-SHGO-C007	C
2002347	Flying O Feeders L.l.c.	A-SHGO-B022	C
2002358	Young, Verdell	A-SHGL-BA01	C
2002374	J K Farms	A-SHSC-B002	C
2002387	Grabbe Farms Feedlot	A-SHEL-B005	C
2002392	Cline Farm Cattle	A-SHWA-BD02	C
2002401	Prather Farms	A-SHGO-B019	C

Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2002415	Penner, Kenneth (Ellsworth Facility)	A-SHEW-S004	C
2002436	Bar M Farms	A-SHGO-B018	C
2002441	Mann Cattle Company, Inc.	A-SHGO-B016	C
2002442	Grinnell Grain Company	A-SHGO-B002	C
2002447	Quinkan Land Cattle	A-SHGO-B021	C
2002448	T-bar Ranch Ltd	A-SHSH-BA01	C
2002455	Hofmeister Hogs	A-SHBT-S001	C
2002458	Polifka, David	A-SHGO-B023	C
2002475	Kirk Feedlot (kirk Grain)	A-SHSC-B004	C
2002504	Ksu Agricultural Research Ctr.	A-SHEL-B001	C
2002526	Triple J Ranch	A-SHGO-LA01	C
2002542	Jim Harrison Ranch	A-SHWA-C004	C
2002543	Griffith Ranch	A-SHSC-C009	C
2002569	Wakeeney Livestock Commission	A-SATR-BD01	C
2002570	Evans Cattle, Inc. (East Yard)	A-SHGO-C001	C
2002575	Helendale Ranch	A-SHGO-C011	C
2002578	Urban, Barry J.	A-SHRH-H001	C
2002618	Owen Unruh Cattle Co Inc	A-SHSC-C006	C
2002621	Evans Cattle, Inc. (west Lot)	A-SHGO-C013	C
2002623	Smoky River Cattle Co	A-SHWA-C003	C
2002627	Howard C. Wilson Trust	A-SHWA-C002	C
2002644	Stewart, Tom	A-SHGO-C012	C
2002647	Knox Farms Inc	A-SHLG-C003	C

Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2002654	Nightengale Cattle Co.	A-SHSC-C010	C
2002671	Glenn Coberly Feedlot	A-SHGO-C006	C
2002676	Young Cattle Company #3	A-SHGL-C004	C
2002678	Purvis Feedlot	A-SHWA-C005	C
2002684	Cat House Feeders	A-SHGO-C008	C
2002742	Ladder Creek Dairy	A-SHGL-D001	C
2002747	Albin Feedlot	A-SHGO-C004	C
2002748	Decker Brothers Livestock	A-SHSC-C007	C
2002749	Wedel Feedlot	A-SHWH-C006	C
2002760	West Plains Dairy	A-SHSC-D001	C
2002761	Wiechman Feedyard, L.p.	A-SHSC-C008	C
2002782	Bertrand Cattle	A-SHLG-C002	C
2002783	CSA Cattle Co.	A-SHWH-C007	C
2002801	Cutler Cattle Company	A-SHSC-C011	C
2002846	Stampede Feeders	A-UASC-C018	C
2002848	Mike's Game Birds	A-SHEL-EA01	C
2002860	Cedar Bluff Cattle Feeders	A-SHTR-C001	C
2002864	Young Cattle Company #1	A-SHGL-C002	C
2002877	Kan Sun Beef, Inc.	A-SHWH-C004	C
2002888	South Central Feeders, Inc.	A-SHLG-C001	C
2002895	Ox Town Cattle Feeders, L.l.c.	A-SHGL-C001	C
2002900	Brookover Cattle Company, Inc.	A-SHSC-C001	C
2002907	Hays Feeders, Llc	A-SHEL-C002	C

Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2002927	Pioneer, Inc.	A-SHGO-C003	C
2002940	Royal Beef, Division Of Irsik Doll	A-SHSC-C005	C
2002952	Caprock Industries III	A-SHWH-C003	C

Regulated Hazardous Waste Potential Site Sources

Did Not Contain Any Of These Potential Site Sources

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3002122	Tower Harbor Marina	28703	B
3000001	Schmidt General	00002	C
3000042	Russell Municipal Airport	00224	C
3000045	Stop 2 Shop, Russell	00245	C
3000145	Johnnie's Service Repair	01733	C
3000146	Home Oil Supply	01737	C
3000172	I-70 Stop 2 Shop	02075	C
3000179	Westside Service	02114	C
3000202	Eberle Oil Co	02329	C
3000203	Quality Mart Inc.	02332	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3000204	Grahams 66	02374	C
3000227	Trapp Service	02752	C
3000229	Schreiners Inc, Ogallah	02757	C
3000253	Midland Marketing	03076	C
3000267	Charlies Service	03228	C
3000270	Oakley Coop (co-ag)	03274	C
3000285	Frontier Quick Mart	03487	C
3000317	Ellsworth Coop, Kanopolis	03876	C
3000344	Allied Inc	04204	C
3000350	Trego Co Shop, Wakeeney	04254	C
3000364	Russell Co Hwy Dept, Russell	04467	C
3000398	A A Coors	04941	C
3000415	Werth Tank Service	05077	C
3000428	Sbi Llc (former Zigler)	05229	C
3000431	Sprint Mart/apco	05250	C
3000440	Golden Belt Coop	05383	C
3000471	Usd 301, Utica	05874	C
3000472	Usd 302, Ransom High School	05875	C
3000476	Usd 327, Ellsworth	05900	C
3000486	Usd 388, Bus Barn	05960	C
3000495	Usd 432, Victoria	06002	C
3000514	Hays Medical Center, Hadley Campus	06173	C
3000531	Hays Medical Center, St Anthony	06258	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3000548	Dons 66	06341	C
3000600	Mr Quick Mini Mart	06528	C
3000601	Frontier Quick Mart	06529	C
3000606	Allied Asphalt Inc	06548	C
3000615	Mike Brooks Waterwell	06564	C
3000616	Central Ks Mill Elevator	06565	C
3000644	Love's #44	06728	C
3000668	Kerr-mcgee #6701	06814	C
3000675	Coastal Mart #2501	06843	C
3000676	Coastal Mart #2502	06844	C
3000677	Coastal Mart #2504	06845	C
3000678	Coastal Mart #2506	06848	C
3000709	Stop 2 Shop	07025	C
3000710	Asb Oil Inc	07026	C
3000789	Ellsworth Co Hwy Dept, Shop	07867	C
3000817	Russell, City Of	08498	C
3000823	Victoria, City Of,	08582	C
3000847	Hays Fire Dept	08777	C
3000848	Hays, Parks Dept	08778	C
3000849	Hays, Service Dept	08779	C
3000850	Hays Airport	08780	C
3000875	Usd 327, Bus Barn	08971	C
3000884	Conoco (service Oil)	09014	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3000885	Travel Shoppe #1	09016	C
3000886	Travel Shoppe #3	09018	C
3000893	Agco	09052	C
3000924	Cliffs Body Shop	09602	C
3000950	Art's Apco	11481	C
3000974	Brown's Service Center	12215	C
3000993	Holiday 66 Food Plaza #2	12847	C
3000994	Cliff's Service	12859	C
3001002	Cooper Oil	13025	C
3001017	Haliburton	13507	C
3001023	Kansas Mobile Glass	13868	C
3001025	Honas Water Service	13920	C
3001029	Ellsworth Co, Sheriff	14089	C
3001040	Fondable Motor Co	14399	C
3001069	Hi-plains Sand	15434	C
3001077	Fina, Huff Oil	15620	C
3001079	Conoco, I-70	15651	C
3001090	James Lincoln Mercury Gmc	15968	C
3001091	James Motor C0	15972	C
3001093	Golden Ox Truck Stop	16028	C
3001116	L S Vickers	16831	C
3001122	Leroy's Diamond Shamrock	17115	C
3001124	Kerr-mcgee #6295 ("al's")	17141	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3001140	Karst Well Drilling	17679	C
3001143	Robben Oil	17857	C
3001144	Mikes Service	17888	C
3001160	Parsons Tank Service, Russell	18515	C
3001184	Se Sales	19757	C
3001200	Speedy Lube Oil	20216	C
3001203	Standish Ford, Inc.	20268	C
3001215	Ellsworth Co Farmers Co-op	20682	C
3001228	Cunningham Motors	22279	C
3001241	Weber's Service	22650	C
3001247	White Construction Co	22795	C
3001255	Younger Oil Co	23054	C
3001304	Agco, Russell	23421	C
3001354	Yuasa-exide	24084	C
3001356	Ellis Co Hwy Dept	24089	C
3001359	Agro Petro	24100	C
3001364	Fort Hays St Univ, Motor Pool	24183	C
3001391	Apco #641, Vine St	25028	C
3001409	A M Texaco, Former	25115	C
3001420	Wakeeney Travel Plaza	25221	C
3001423	Amoco #9533	25226	C
3001427	Amoco #9667	25232	C
3001450	AtEllsworth	25372	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3001461	Otta Shop	25444	C
3001490	J C Penney	25574	C
3001537	Mr Quick #2	25793	C
3001590	Air Midwest, Hays	26061	C
3001594	Ideal Trucking	26072	C
3001603	Gilmore Construction	26114	C
3001604	Johnson Co, Executive Airport	26115	C
3001645	Ellsworth Ready Mix	26280	C
3001653	Mosburg's Iga Grocery, Former	26305	C
3001654	Riggs Tire Auto	26310	C
3001656	Russell Redi-mix Concrete	26318	C
3001680	Kmart #9067	26436	C
3001689	Total #2160	26491	C
3001701	Texaco #54-107-026	26587	C
3001740	Kdot, Ellsworth	26671	C
3001748	Kdot, Russell	26684	C
3001750	Kdot, Hays	26687	C
3001774	Hembree Well Service	26837	C
3001808	Army Reserve Center	27022	C
3001819	Ups, Hays	27053	C
3001822	Stuckeys Dq #192	27069	C
3001835	Tmp-marian High School, Hays, 1701 Hall	27111	C
3001864	Fort Hays Exp. Station	27256	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3001875	Oxy Usa, Russell, Witte Stephanie	27296	C
3001899	United Telephone	27407	C
3001914	Kang	27458	C
3001953	Coastal Mart #2526	27601	C
3001986	Hoffman Oil Co	27872	C
3002015	Hays Fire Equipment	28100	C
3002036	One Stop	28216	C
3002098	Us Supply	28561	C
3002108	Novak Iga	28618	C
3002124	Halliburton Serv	28713	C
3002157	Thielen, Carl– Residence	28861	C
3002163	Ellsworth Municipal Airport	28886	C
3002164	Harold Griffith	28888	C
3002169	Schlitter Service	28929	C
3002179	J J Oil Co, Russell	28965	C
3002190	Saint Francis Academy	29039	C
3002258	Apc0, Main St	29361	C
3002271	Wal–mart, Hays	29420	C
3002280	Bouziden Ranch	29456	C
3002302	Beach Liquor	29585	C
3002323	Jack's Repair	29665	C
3002334	Ted's Tavern	29715	C
3002340	Kingsley, Roger	29724	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3002343	Thrift Distributors	29733	C
3002395	Oakley Power Plant	40078	C
3002401	Ellis Power Plant	40159	C
3002405	Midland Marketing Coop	40217	C
3002417	Janzen Oil – East Bulk	41536	C
3002426	Davis Mud	42358	C
3002432	Wes-kan Construction	42620	C
3002453	Weigel Oil Co	43151	C
3002467	Ngpl, Wilson	80015	C
3002516	Weeks Well Service, Susank	80261	C
3002543	Dinges, Tom	80314	C
3002544	Kilian Auto Repair	80321	C
3002545	Russell Inn, Russell, Hwy I70 281	80324	C
3002546	Special Interest Auto, Russell	80325	C
3002547	Upr, Russell	80326	C
3002580	Fdic Club	80419	C
3002581	Mardian Motor Co	80420	C
3002625	Hutchison Vending Co	80813	C
3002628	H H Production	81120	C
3002633	Branda, Joseph E	81135	C
3002645	Hays Asphalt Construction Inc.	81166	C
3002649	Midway Cable Tv Co.	81178	C
3002661	Galatia Coop, Galatia	81210	C

Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3002665	Golden Plains Trucking	81218	C
3002677	Rome, Ron Property	81261	C
3002682	Soukup Oil Co. (abandoned)	81272	C
3002705	Hillenburg Oil Co	81328	C
3002743	I-70 Used Cars	81395	C
3002745	Quality Cleaners	81409	C
3002748	Roth Electronics	81416	C
3002761	Wolf Memorial Co	81437	C
3002762	Quality Autos Accessories	81438	C
3002767	Fischer Pipe Testing	81446	C
3002770	Thompson Oil Co	81464	C
3002776	M D Inc	81479	C
3002781	Grant Property	81487	C
3002786	Standard Station, Old	81501	C
3002789	Ellis Co Emergency Management	81507	C
3002799	Circle S Trailer Sales Inc	81553	C
3002805	Sun Cement, Former	81583	C
3002810	Art Station, The (former)	81589	C
3002852	Stewart Well Service	81700	C
3002876	Dowell Site, Former	81780	C
3002880	State Bank Of Downs, Downs	99999	C

Regulated Identified Contaminated Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
7000012	KAW PIPELINE – DAMAR DREILING	C602671203	C

Regulated Identified Contaminated Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
7000014	KAW PIPELINE – HOGBACK	C602671205	C
7000016	TRAPP STATION – JAYHAWK (ABANDONED PIPELINE)	C608470966	C
7000017	KAW PIPELINE – IRWIN A SOUTH	C608471206	C
7000018	KAW PIPELINE – IRWIN B NORTH	C608471207	C
7000019	KAW PIPELINE – KASTRUP	C608471208	C
7000020	KAW PIPELINE – MAIER STATION	C608471211	C
7000021	KAW PIPELINE – MILBERGER	C608471212	C
7000022	KAW PIPELINE – VAN HOOTEN	C608471216	C
7000023	KAW PIPELINE – WHELING	C608471217	C
7000105	CHASE TERMINAL – KOCH PIPELINE	C108670641	C
7000730	CASHCO, INC.	C502700013	C
7000732	SCHILLING ATLAS S-8	C502703051	C
7000820	GENESEO PWS	C508070303	C
7000884	DREILING, CECILIA	C602600011	C
7000885	CROSS MANUFACTURING CO., INC.	C602600014	C
7000886	ELLIS COUNTY FEEDERS	C602600019	C
7000887	NORGE'S DRYCLEANERS	C602600034	C
7000888	PERMIAN OIL	C602600037	C
7000890	SCHAEFER, CLARENCE	C602600106	C
7000892	WEST 8TH STREET (HAYS WELLS – 20,27,28)	C602603011	C
7000893	WEST 8TH STREET (HAYS WELLS – 20,27,28)	C602603011	C
7000894	WEST 8TH STREET (HAYS WELLS – 20,27,28)	C602603011	C

Regulated Identified Contaminated Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
7000895	ELLIS COUNTY LANDFILL	C602603012	C
7000896	MIDWEST ENERGY, INC.	C602603013	C
7000897	DOWELL–SCHLUMBERGER FACILITY (FORMER)	C602603014	C
7000898	WALKER AAF	C602603019	C
7000899	GOLDEN BELT COOPERATIVE ASSN SITE	C602603057	C
7000900	CLARK'S WELL SITE	C602670625	C
7000901	AUTO HOUSE BODY SHOP DISPOSAL SITE	C602671101	C
7000902	QUINTER COOP FIRE	C603200071	C
7000903	PARK PWS WELL #1	C603270142	C
7000905	SMOKY HILL AIR–TO–AIR GUNNERY RANGE	C603271273	C
7000908	OAKLEY PWS	C605500293	C
7000909	SCHMIDT PRIVATE WELL SITE	C605570715	C
7000910	OAKLEY CARBON TETRACHLORIDE	C605570748	C
7000928	CONOCO TRAPP STATION – MILBERGER	C608403010	C
7000929	FOSSIL WICHITA AVE.	C608470904	C
7000931	KAM CAR WASH	C609170249	C
7000932	MODEL STEAM LAUNDRY	C609170778	C
7000943	DEGGS, BRAUN–CAROLL WYNN	C609800009	C
7000944	KOCH PIPE LINE CO., AL DREILING	C609800171	C
7000945	WALKER AAF PBR #1	C609870033	C

Regulated Solid Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
5000051	Trego County	0105–S	C

Regulated Solid Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
5000067	Ellis County	0113-S	C
5000070	Ellsworth County	0114-S	C
5000072	Gove County	0115-S	C
5000086	Logan County	0125-S	C
5000154	City of Sharon Springs	0167-S	C
5000220	City of Oakley	0221-S	C
5000472	Ft. Hays State University	0455-S	C
5000546	Kansas Dept. of Wildlife Parks	0532-S	C
5000548	City of Hays	0534-S	C
5000549	Allied, Inc.	0535-S	C
5000615	Acme Brick Co.	0602-S	C
5000702	City of Lorraine	0681-S	C
5000725	Ellis County HHW Waste Program	0704-S	C
5000769	City of Hays	0747-S	C
5000823	Sherman County	0794-S	C

Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6000212	KANOPOLIS CRUSHED ROCK, INC.	I-SH19-PO06	B
6000896	ACME BRICK – VONDRRAS MINE	I-SH19-PO02	B
6000897	ACME BRICK – SPARKS MINE	I-SH19-PO04	B

Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6001737	KDWP – KANOPOLIS (EAST)	M-SH19-NO02	B
6001738	KDWP – KANOPOLIS (SOUTH SHORE)	M-SH19-NO03	B
6000047	BEAR HOUSE CAFE TRUCK STOP	C-SA03-NO01	C
6000049	MEADOW ACRES MOBILE HOME PARK	C-SH16-OO02	C
6000211	ACME BRICK – BOGGS MINE	I-SH19-PO05	C
6000270	MC CRACKEN MWTP	M-SH26-OO01	C
6000271	RUSSELL MWTP	M-SH31-OO01	C
6000291	KDHE-SOUTH HAYS GROUNDWATER REMED.	I-SH16-PO06	C
6000479	SERVICE OIL COMPANY-INTERSTATE HOUSE	C-SA21-NO01	C
6000480	WATERING HOLE	C-SA21-NO02	C
6000483	STUCKEY'S DAIRY QUEEN – ELLSWORTH	C-SH07-NO01	C
6000885	ELLSWORTH WATER TREATMENT PLANT	I-SH07-PO02	C
6000888	ROME CORPORATION / WESTERN WELL SERVICE	I-SH16-NP03	C
6000889	ELLIS CO. HIGHWAY DEPT.	I-SH16-NP04	C
6000890	J.C. PENNEY COMPANY-HAYS	I-SH16-PO08	C
6000891	KDHE/BER (DRY CLEANING TRUST FUND) HAYS	I-SH16-PO10	C
6000895	INDEPENDENT SALT COMPANY	I-SH19-NP01	C
6001085	OXFORD	M-AR68-NO01	C
6001701	DORRANCE MWTP	M-SH05-NO01	C
6001702	ELLIS MWTP	M-SH06-OO01	C
6001703	ELLIS MWTP	M-SH06-OO01	C
6001704	ELLIS WWTF	M-SH06-OO02	C
6001705	ELLIS WWTF	M-SH06-OO02	C

Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6001707	ELLSWORTH WWTF	M-SH07-OO01	C
6001709	GORHAM MWTP	M-SH10-NO01	C
6001710	GOVE	M-SH11-NO01	C
6001711	GOVE	M-SH11-NO01	C
6001713	USD #292 GRAINFIELD-WHEATLAND SCHOOL	M-SH12-NO02	C
6001714	KDOT. GOVE CO. REST AREA I-70	M-SH12-NR02	C
6001715	KDOT. GOVE CO. REST AREA I-70	M-SH12-NR02	C
6001716	GRINNELL MWTP	M-SH14-NO01	C
6001723	HAYS WWTF	M-SH16-OO02	C
6001724	HAYS WWTF	M-SH16-OO02	C
6001725	HAYS WWTF	M-SH16-OO02	C
6001726	HAYS WWTF	M-SH16-OO02	C
6001727	HAYS WWTF	M-SH16-OO02	C
6001728	HAYS WWTF	M-SH16-OO02	C
6001729	HAYS WWTF	M-SH16-OO02	C
6001730	HAYS WWTF	M-SH16-OO02	C
6001731	HAYS WWTF	M-SH16-OO02	C
6001732	HAYS WWTF	M-SH16-OO02	C
6001736	KANOPOLIS MWTP	M-SH19-NO01	C
6001739	LIEBENTHAL MWTP	M-SH20-NO01	C
6001746	MC CRACKEN	M-SH26-OO02	C
6001748	OAKLEY MWTP	M-SH29-OO01	C
6001749	OAKLEY MWTP	M-SH29-OO01	C

Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6001751	KDOT. RUSSELL CO. REST AREA	M-SH31-NR02	C
6001752	RUSSELL WWTP	M-SH31-OO02	C
6001757	SHARON SPRINGS	M-SH35-NO01	C
6001759	VICTORIA MWTP	M-SH37-OO01	C
6001760	KDOT. TREGO CO. REST AREA	M-SH38-NR02	C
6001761	KDOT. TREGO CO. REST AREA	M-SH38-NR02	C
6001762	WAKEENEY MWTP	M-SH38-OO01	C
6001763	WAKEENEY MWTP	M-SH38-OO01	C
6001764	WILSON MWTP	M-SH40-OO01	C
6001765	WINONA MWTP	M-SH41-NO01	C
6001774	MUNJOR IMPROVEMENT DISTRICT	M-SH50-NO01	C
6002027	ENERSYS, INC.	P-SH16-OO01	C
6002028	A-1 PLANK SCAFFOLD MFG. INC.	P-SH16-OO02	C
6002029	ABCO WIRE AND METAL PRODUCTS	P-SH31-OO01	C

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-04-17 10:19:46**

Added Sources:

The Added Sources section lists all the sites that have been added as potential sources of contamination by an evaluator through the assessment process to supplement the original data.

The potential sources listed in this section are sorted to show the added potential sources in Zone A first, Zone B second, and Zone C third.

Although a facility or business was added as a potential concern, it does not necessarily mean a release or spill has occurred. Contamination could only occur if certain chemical substances are released into the environment and filter into the water supply source.

Added Sources

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**

Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9000537	CRP	0	B
9000637	chemical Storage company	0	B
9000538	Irrigation equipment, pump site, and well	10012	B
9000539	Fuel, grain and feed and hay storage	10026	B
9000583	Fuel, grain and feed and hay storage	10026	B
9000586	Fuel, grain and feed and hay storage	10026	B
9000657	Fuel, grain and feed and hay storage	10026	B
9000683	Fuel, grain and feed and hay storage	10026	B
9000957	Fuel, grain, and feed and hay storage	10026	B
9001027	Fuel, grain, and feed and hay storage	10026	B
9001079	Fuel, grain, and feed and hay storage	10026	B
9001210	Fuel, grain and feed and hay storage	10026	B
9001225	Fuel, grain and feed and hay storage	10026	B
9001241	Fuel, grain and feed and hay storage	10026	B
9001247	Fuel, grain and feed and hay storage	10026	B
9001435	Fuel, grain and feed and hay storage	10026	B
9001587	Fuel, grain and feed and hay storage	10026	B
9000589	on-site wastewater facility	10067	B
9000642	on-site wastewater facility	10067	B
9000658	on-site wastewater facility	10067	B

Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9000664	on-site wastewater facility	10067	B
9000650	football field	10073	B
9001025	non-discharging lagoons	10075	B
9001640	non-discharging lagoons	10075	B
9000641	sand pit	10079	B
9000534	pastureland with cattle	10080	B
9000582	pastureland with cattle	10080	B
9000644	pastureland with stock cattle	10080	B
9000652	pastureland with stock cattle and CRP	10080	B
9000659	pastureland with stock cattle	10080	B
9000663	pastureland with stock cattle	10080	B
9000685	pastureland and CRP	10080	B
9001028	pastureland	10080	B
9001102	pastureland	10080	B
9001212	pastureland	10080	B
9001240	pastureland	10080	B
9001243	pastureland	10080	B
9001246	pastureland	10080	B
9000581	milo field	10081	B
9000588	milo field	10081	B

Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9001535	pastureland	10087	B
9001589	pastureland	10087	B
9000533	dryland cropland	111	B
9000643	dryland wheat field	111	B
9000660	dryland wheat field	111	B
9000662	dryland wheat field	111	B
9001080	cropland	111	B
9001109	cropland	111	B
9000536	irrigated and dryland cropland	115	B
9000684	dryland cropland	115	B
9000955	cropland	115	B
9000958	cropland	115	B
9001024	cropland	115	B
9001098	cropland	115	B
9001236	cropland	115	B
9001248	cropland	115	B
9001425	cropland	115	B
9001434	cropland	115	B
9001438	cropland	115	B
9001536	cropland	115	B

Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9001537	cropland	115	B
9001585	cropland	115	B
9001639	cropland	115	B
9001641	cropland	115	B
9001026	cropland	116	B
9000648	oil and gas wells	1381	B
9000654	oil and gas wells	1381	B
9001108	oil wells	1381	B
9001211	oil wells	1381	B
9001226	oil wells	1381	B
9001239	oil wells	1381	B
9001242	oil wells	1381	B
9001245	oil wells	1381	B
9001426	oil wells	1381	B
9001586	oil wells	1381	B
9001590	oil wells	1381	B
9000616		1521	B
9000617	rural residence	1521	B
9000618	rural residence	1521	B
9000619	rural residence	1521	B

Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9000620	rural residence	1521	B
9000621	rural residence	1521	B
9000622	rural residence	1521	B
9000623	rural residence	1521	B
9000624	rural residence	1521	B
9000625	rural residence	1521	B
9000626	rural residence	1521	B
9000628	rural residence	1521	B
9000629	rural residence	1521	B
9000630	rural residence	1521	B
9000631	rural residence	1521	B
9000632	rural residence	1521	B
9000633	rural residence	1521	B
9000634	rural residence	1521	B
9000635	wastewater treatment facility	1521	B
9000636	wastewater treatment facility	1521	B
9000587	Co-op- grain storage and ag. services	4221	B
9000647	underground gas oil pipelines	4600	B
9000686	Natural Gas pipeline and crude petroleum pipelines	4600	B
9000535	golf course	7992	B

Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9000661	Irrigation equipment, pump site, and well	10012	C
9000645	above and below ground storage tanks	10026	C
9000651	Fuel, grain and feed and hay storage	10026	C
9000655	Fuel, grain, and feed and hay storage	10026	C
9001244	Fuel, grain and feed and hay storage	10026	C
9000585	on-site wastewater facility	10067	C
9000656	on-site wastewater facility	10067	C
9000649	pastureland with stock cattle	10080	C
9000646	dryland wheat field	111	C
9000653	dryland wheat field	111	C
9001588	oil wells	1381	C
9000627	rural residence	1521	C
9000584	Natural Gas pipeline and crude petroleum pipelines	4600	C

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-04-17 10:19:46**

Potential Contaminants Summary:

The Contaminants Summary shows the number of identified unregulated sources in the assessment area for each contaminant of concern category.

In order to obtain the number of sources for each category, a relationship was correlated between each Standard Industrial Classification (SIC) and the contaminant of concern categories. Each SIC was assessed and associated with contaminant categories. For example, if not managed properly, a car wash (SIC 7542) could potentially contaminate an intake because of inorganic compounds (IOC) and volatile organic compounds (VOC); thus, a car wash is associated with IOCs and VOCs.

A chart displays a count for each contaminant category. The sum for each category represents the total number of identified sources that have been associated with that particular contaminant category. However, the total number of identified sources does not include contaminants from the Added Sources. In our example, a car wash would be considered 2 sources of contamination. It would be a potential source of contamination for IOCs and for VOCs; thus, 1 would be added to the total number of sources in the VOC category and 1 would be added to the IOC category.

Potential Contaminants Summary

Public Water Supply: ELLSWORTH CO RWD 1

Assessment Area: 932

Number of Unregulated Site Sources Identified for each Contaminant Category

MicroBiological	Sedimentation	Pesticides	IOC's	SOC's	VOC's	E – P
121	141	64	447	153	234	132

A – Microbiological

B2 – Sedimentation

C* – Pesticides

B – Inorganic Compounds

C – Synthetic Organic Compounds

D – Volatile Organic Compounds

B1 – Eutrophication – Phosphorous

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-04-17 10:19:46**

Potential Contaminants Listing:

The Potential Contaminants section lists the contaminant of concern category associated with each Standard Industrial Classification (SIC) found in an assessment area. A complete list of contaminant category codes are located at the bottom of this page.

The relationships defined between the Standard Industrial Classifications (SIC) and the contaminant of concern categories are displayed in a table format. Using our car wash example, the relationships can be better illustrated. A car wash could release IOC and VOC chemical substances. The connection is shown by indicating the SIC, 7542, and the associated contaminant categories, IOC (Category B) and VOC (Category D). However, the contaminants listed are not associated with any Added Sources.

The list is sorted by the SIC source description and it only shows unique SIC sources. For example, an assessment area can have 20 car washes in an assessment area, but the list is only going to show contaminant categories associated with car washes onetime. This is because all car washes have the same SIC and every car wash poses the same potential threat to water intakes.

A – Microbiological	B – Inorganic Compounds	B1 – Eutrophication – Phosphorous
B2 – Sedimentation	B* – Nitrates	C – Synthetic Organic Compounds
C* – Pesticides	D – Volatile Organic Compounds	

Potential Contaminants Listing

Public Water Supply: ELLSWORTH CO RWD 1

Assessment Area: 932

Unregulated Identified Site Sources and associated Potential Contaminant Category

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
3728	Aircraft Equipment Manufacturing	inorganics, VOCs	B
"	"	"	D
7538	Auto Truck Repair Service	Inorganics, VOCs	B
"	"	"	D
2086	Bottled and Canned Soft Drinks Production	BOD	A
3251	Brick and Structural Clay Tile Manufacturing	Minerals and TSS	B
7542	Car Wash	Inorganics, VOCs	B
"	"	"	B1
"	"	"	B2
"	"	"	D
211	Cattle Farm	Sanitary, Fertilizers TSS, pesticides, Erosion and sedimentation	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
212	Cattle Working Area	Sanitary, Fertilizers TSS	A

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
212	Cattle Working Area	Sanitary, Fertilizers TSS	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
4939	Combination Utility Services, nec	Inorganics, VOCs	B
"	"	"	D
1381	Drilling Oil and Gas Wells	Oil, Salt Water	B
"	"	"	C
3694	Engine Electrical Equipment Manufacturing	inorganics, VOCs	B
"	"	"	D
5541	Gasoline Service Station	Inorganics, VOCs	B
"	"	"	D
7992	Golf Course	Fertilizers and pesticides	A
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
1611	Highway and Street Construction	Sedimentation	B2
4212	Local Trucking, without Storage	VOCs	D

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
3599	Machinery, Except Electrical Manufacturing	inorganics, VOCs	B
"	"	"	D
3999	Manufacturing Industries, nec	inorganics, VOCs	B
"	"	"	D
2011	Meat Packing Plant Manufacturing	BOD, pathogens, Oil and grease	A
"	"	"	B*
3296	Mineral Wool Manufacturing	Metals, minerals and TSS	B
6515	Mobile Home Park	Sanitary wastes, Fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B*
3711	Motor Vehicles and Car Bodies Manufacturing	inorganics, VOCs	B
"	"	"	D
2873	Nitrogen Fertilizer Manufacturing	nitrogen	B
"	"	"	B*
1542	Nonresidential Construction	Sedimentation	B2
1389	Oil and Gas Field services	Oil, Salt Water	B
"	"	"	C
2911	Petroleum Refining	inorganics, VOCs	B

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
2911	Petroleum Refining	inorganics, VOCs	D
7384	Photofinishing Laboratory	NA	B
"	"	"	D
3471	Plating and Polishing Manufacturing	Inorganics, metals, VOCs and metal etch	B
"	"	"	D
2452	Prefabricated Wood Buildings Manufacturing	TSS	B
"	"	"	D
3273	Ready-mix Concrete Plant	Minerals and TSS	B
7033	Recreational Vehicle Parks and Campsites	sanitary, fertilizers, pesticides	A
"	"	"	B
"	"	"	B1
"	"	"	B*
"	"	"	C*
5093	Scrap and Waste Materials	Metals, TSS	B
3444	Sheet Metal Work Manufacturing	Metals and TSS, VOCs and metal etch	B
3993	Signs and Advertising Display Manufacturing	inorganics, VOCs	B
"	"	"	D
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	A
"	"	"	B1

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	B2
"	"	"	B*
"	"	"	C
3559	Special Industries Machinery Manufacturing	inorganics, VOCs	B
"	"	"	D
3691	Storage Batteries Manufacturing	Inorganics, caustics, VOCs	B
"	"	"	D
2439	Structural Wood members Manufacturing	TSS, VOCs	B
"	"	"	D
3842	Surgical Appliances and Supplies Manufacturing	inorganics, VOCs	B
"	"	"	D
7532	Top, Body, and Upholstery Repair Shops and Paint Shops	Inorganics, VOCs	B
"	"	"	D
3792	Travel trailers and Campers Manufacturing	inorganics, VOCs	B
"	"	"	D
742	Veterinary Services, Specialties	Sanitary, Inorganics TSS	A
"	"	"	B
111	Wheat Field	Fertilizers and pesticides, Erosion and Sedimentation	A
"	"	"	B1

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
111	Wheat Field	Fertilizers and pesticides, Erosion and Sedimentation	B2
"	"	"	B*
"	"	"	C*
2511	Wood Household Furniture Manufacturing	TSS, VOCs	B
"	"	"	D
2434	Wood Kitchen Cabinets Manufacturing	TSS, VOCs	B
"	"	"	D
2541	Wood Partitions and Fixtures Manufacturing	TSS, VOCs	B
"	"	"	D
752	Animal Specialty Services	Sanitary, fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
2759	Commercial Printing NEC	Inorganics, VOCs, Semi volatiles	B
"	"	"	C
"	"	"	D
2752	Commercial Printing–Lithographic	Inorganics, VOCs, Semi volatiles	B
"	"	"	C

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
2752	Commercial Printing–Lithographic	Inorganics, VOCs, Semi volatiles	D
241	Dairy Farms	Sanitary, fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
3523	Farm Machinery and Equipment	inorganics	B
"	"	"	D
4221	Farm Product Warehousing and Storage	TSS, VOCs	B
"	"	"	D
5083	Farm and Garden Machinery	inorganics	B
191	General Farm, Primarily Crop	fertilizers, Pesticides	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
2711	Newspapers Publishing and Printing	Inorganics, VOCs, Semi volatiles	B
"	"	"	C
"	"	"	D

Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
2048	Prepared Feeds For Animals and Fowls	Sanitary, Nitrates, phosphorous and pesticides	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
7948	Racing, Including Track Operation		NA
5012	Recreational vehicle sales and repair	Inorganics	B
5561	Recreational vehicle sales and repair	Inorganics	B
4953	Refuse Systems	ALL	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C
"	"	"	C*
"	"	"	D
7699	Repair Services, Nec	inorganics	B

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**
Diversion Id's: **999**
Status: **Accepted**
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Protection Measures:

The Protection Measures section shows water quality protection measures for the Standard Industrial Classifications (SIC) identified in the assessment area.

Previous sections of this report are designed to show areas that Public Water Supplies (PWS) can focus on to improve the susceptibility of an assessment area. This section helps identify water quality protection measures that a PWS can use as guidance for implementing action for a potential contaminant site in the assessment area. It focuses on protection measures that can reduce the risk of contamination to the water supply.

This portion of the report only displays water quality protection measures for each type of SIC found in the assessment area. It does not display protection measures for each site in the assessment area because every SIC should have the same or similar water quality protection management practices. However, the protection measures listed are not associated with any Added Sources.

Protection Measures

Public Water Supply: **ELLSWORTH CO RWD 1**

Assessment Area: **932**

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3728	Aircraft Equipment Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	40 CFR 464 and State or federal Storm water pollution prevention regulations
7538	Auto Truck Repair Service	Inorganics, VOCs	Discharge to POTW. Manage oil products and used oil so that it is not in contact with water	40 CFR 442 and
2086	Bottled and Canned Soft Drinks Production	BOD	Wastewater pretreatment and/or discharge to a POTW.	40 CFR 407 and State or federal Storm water pollution prevention regulations
3251	Brick and Structural Clay Tile Manufacturing	Minerals and TSS	Minimize outdoor storage and control storm water runoff.	State or federal Storm water pollution prevention regulations
7542	Car Wash	Inorganics, VOCs	Install and maintain sediment and grease traps where appropriate	40 CFR 442
211	Cattle Farm	Sanitary, Fertilizers TSS, pesticides, Erosion and sedimentation	Proper application of fertilizers and pesticides. Proper cleaning of equipment and disposal of chemicals. Maintain riparian areas along waterways and keep cattle out of these areas. Proper Waste Management and Grazing Management.	KDHE–Livestock Waste Management Section, KAR 28–16, KDA, County Soil Conservation District, NRCS

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
212	Cattle Working Area	Sanitary, Fertilizers TSS	Treat wastewater. Maintain area to minimize runoff of sediment	40 CFR 412
4939	Combination Utility Services, nec	Inorganics, VOCs	Maintain secondary containment for fuel storage and fueling areas. Maintain and inspect. Effect repairs promptly	NA
1381	Drilling Oil and Gas Wells	Oil, Salt Water	Drill water retention and treatment	KAR 28–41, 45, 40 CFR 435
3694	Engine Electrical Equipment Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	40 CFR 469 and State or federal Storm water pollution prevention regulations
5541	Gasoline Service Station	Inorganics, VOCs	Maintain area to minimize fuel contamination	NA
7992	Golf Course	Fertilizers and pesticides	Proper application of fertilizers and pesticides. Proper cleaning of equipment and disposal of chemicals.	KDHE, KAR 28–16

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
1611	Highway and Street Construction	Sedimentation	Erosion and Sediment Control	KAR 28–16, KDHE
4212	Local Trucking, without Storage	VOCs	Discharge to a POTW	State or federal Storm water pollution prevention regulations
3599	Machinery, Except Electrical Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
3999	Manufacturing Industries, nec	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
2011	Meat Packing Plant Manufacturing	BOD, pathogens, Oil and grease	Wastewater pretreatment and/or discharge to a POTW	40CFR 432 and State or federal Storm water pollution prevention regulations
3296	Mineral Wool Manufacturing	Metals, minerals and TSS	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 436 and State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
6515	Mobile Home Park	Sanitary wastes, Fertilizers	Discharge to POTW. Minimize use of lawn chemicals	KAR 28–5
3711	Motor Vehicles and Car Bodies Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
2873	Nitrogen Fertilizer Manufacturing	nitrogen	Minimize contact of product with water. Contain and treat process wastewater	40 CFR 418 and State or federal Storm water pollution prevention regulations
1542	Nonresidential Construction	Sedimentation	Erosion and Sediment Control	KAR 28–16, KDHE
1389	Oil and Gas Field services	Oil, Salt Water	Proper management of production wastes	KAR 28–41, 45, 40 CFR 435
2911	Petroleum Refining	inorganics, VOCs	Collect and pre-treat wastewater. Control storm water runoff. Minimize ground contamination with petroleum or other products	40 CFR 419 and State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
7384	Photofinishing Laboratory	NA	Discharge to POTW. Recycle chemicals	CFR 40 459
3471	Plating and Polishing Manufacturing	Inorganics, metals, VOCs and metal etch	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 413 and State or federal Storm water pollution prevention regulations
2452	Prefabricated Wood Buildings Manufacturing	TSS	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations
3273	Ready-mix Concrete Plant	Minerals and TSS	Minimize outdoor storage and control storm water runoff.	State or federal Storm water pollution prevention regulations
7033	Recreational Vehicle Parks and Campsites	sanitary, fertilizers, pesticides	Discharge to POTW. Minimize use of lawn chemicals	NA
5093	Scrap and Waste Materials	Metals, TSS	Minimize contact with storm water	State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3444	Sheet Metal Work Manufacturing	Metals and TSS, VOCs and metal etch	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 464 and State or federal Storm water pollution prevention regulations
3993	Signs and Advertising Display Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	40 CFR 459 and State or federal Storm water pollution prevention regulations
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	Proper cleaning and disposal of household hazardous waste. Proper storage, application, and clean up of pesticides and fertilizers	KAR 28–48, KDHE, KDEM
3559	Special Industries Machinery Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
3691	Storage Batteries Manufacturing	Inorganics, caustics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct. Minimize outdoor storage	40 CFR 461 and State or federal Storm water pollution prevention regulations
2439	Structural Wood members Manufacturing	TSS, VOCs	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3842	Surgical Appliances and Supplies Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
7532	Top, Body, and Upholstery Repair Shops and Paint Shops	Inorganics, VOCs	Discharge to POTW. Recycle where appropriate. Properly maintain oil product and waste. Manage paint and solvent wastes properly	NA
3792	Travel trailers and Campers Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
742	Veterinary Services, Specialties	Sanitary, Inorganics TSS	Discharge to POT	NA
111	Wheat Field	Fertilizers and pesticides, Erosion and Sedimentation	Proper application of fertilizers and pesticides, cleaning of equipment and disposal of chemicals. Practice proper agriculture erosion and sediment controls – Vegetative buffers, conservation tillage, irrigation water management, terraces, contour plowing.	KDHE, KAR 28–16, KDA, County Soil Conservation District, NRCS
2511	Wood Household Furniture Manufacturing	TSS, VOCs	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
2434	Wood Kitchen Cabinets Manufacturing	TSS, VOCs	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations
2541	Wood Partitions and Fixtures Manufacturing	TSS, VOCs	Discharge of process waters to POTW.	State or federal Storm water pollution prevention regulations
752	Animal Specialty Services	Sanitary, fertilizers	Collect and treat wastes.	NA
2759	Commercial Printing NEC	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
2752	Commercial Printing–Lithographic	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
241	Dairy Farms	Sanitary, fertilizers	Collect and treat process wastes. Use good erosion control practices. Minimize storm water contact with contaminants.	40 CFR 405

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3523	Farm Machinery and Equipment	inorganics	Discharge to POTW	State or federal Storm water pollution prevention regulations
4221	Farm Product Warehousing and Storage	TSS, VOCs	Keep the area clean of grain. Use grease traps.	State or federal Storm water pollution prevention regulations
5083	Farm and Garden Machinery	inorganics	Discharge to POTW	NA
191	General Farm, Primarily Crop	fertilizers, Pesticides	Maintain good erosion control practices and minimize the use of chemicals	NA
2711	Newspapers Publishing and Printing	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
2048	Prepared Feeds For Animals and Fowls	Sanitary, Nitrates, phosphorous and pesticides	Maintain animal feeding areas and feed storage areas to minimize contact with storm water. Collect and treat process wastes.	40 CFR 412 and State or federal Storm water pollution prevention regulations

Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
7948	Racing, Including Track Operation	NA	Discharge to POTW. Minimize use of lawn chemicals. Use good erosion control practices	NA
5012	Recreational vehicle sales and repair	Inorganics	Discharge to a POTW. Store oils and lubricants properly	NA
5561	Recreational vehicle sales and repair	Inorganics	Discharge to a POTW. Store oils and lubricants properly	Discharge to a POTW. Store oils and lubricants properly
4953	Refuse Systems	ALL	Store wastes properly in order to minimize contact with storm water.	Maintain the lagoon or storage vessel properly. Control storm water run on and runoff to minimize contamination of storm water
7699	Repair Services, Nec	inorganics	Discharge to POTW	NA

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Assessment Analysis:

The Assessment Analysis section displays the numbers assigned to each contaminant of concern category for each question in the susceptibility analysis.

This analysis is based on a decision tree framework consisting of a series of yes/no questions. These questions consider the proximity of contaminant sources to the water supply intake, the type of contaminant, and the application of pollution prevention or water quality protection practices to sources of contamination. As the evaluator moves through the analytical framework, susceptibility points are accumulated based on the presence of contaminant sources in the assessment area.

After all the questions have been answered, the SLS is calculated for each contaminant of concern category. The SLS is determined by counting the number of contamination risk factors found to occur in the delineated assessment area and applying a multiplier to this number. Because the number of contaminant category risk factors is not equal, the multiplier is used to establish a common scale for the SLS of each contaminant category.

Assessment Analysis

Public Water Supply: **ELLSWORTH CO RWD 1**

Assessment Area: **932**

Surface Water Single Well Analysis

A – Microbiological **B** – Inorganic Compounds

B1 – Eutrophication – Phosphorous

B2 – Sedimentation **C** – Synthetic Organic Compounds

C* – Pesticides **D** – Volatile Organic Compounds

No.	Question	Response	A	B	B1	B2	C	C*	D
1	Is the intake located at a treatment plant?	No	1	1	0	0	1	1	1
2	Is there an open channel conveyance from the intake to the treatment plant?	No	0	0	0	0	0	0	0
3	Does a PWS own or control the conveyance right-of-way?	No	1	1	0	0	1	1	1
4	Does a PWS own or control the area within 1/4 mile of intake?	Yes	0	0	0	0	0	0	0
5	Is the area within 1/4 mile of the intake entirely native grass?	Yes	0	0	0	0	0	0	0
6	Is transportation infrastructure in close proximity to the intake?	Yes	0	1	0	0	1	1	1
7	Are there water quality protection plans for the transportation infrastructure?	No	0	1	0	0	1	1	1
8	Are any commercial, industrial, or urban areas present?	No	0	0	0	0	0	0	0
9	Does each industrial/commercial site and urban area have a water quality protection plan in place?	Yes	0	0	0	0	0	0	0
10	Is riparian area vegetated?	Yes	0	0	0	0	0	0	0
11	Has riparian area been farmed up to the stream/riverbank?	No	0	0	0	0	0	0	0
12	Is there a lack of native grass or trees?	No	0	0	0	0	0	1	0
13	Is livestock use present in riparian area?	No	0	0	0	0	0	0	0
14	Are any confined livestock production sites in riparian area?	No	0	0	0	0	0	0	0
15	Is each confinement area registered with KDHE?	Yes	0	0	0	0	0	0	0
16	Are any row crops (corn, milo, soybean) present?	No	0	0	0	0	0	0	0
17	Are water quality protection plans in use for each cropland?	Yes	0	0	0	0	0	0	0

No.	Question	Response	A	B	B1	B2	C	C*	D
18	Are any orchards present?	No	0	0	0	0	0	0	0
19	Are water quality protection plans in use for each orchard?	Yes	0	0	0	0	0	0	0
20	Is the intake a river intake?	No	0	0	0	0	0	0	0
21	Is the intake at a city-owned lake?	No	1	1	1	1	1	1	1
22	Is there water quality monitoring conducted at the river or lake?	Yes	0	0	0	0	0	0	0
23	Is TMDL needed for any of the rivers or lakes?	Yes	1	1	1	1	1	1	1
24	Are TMDL pollutants of concern reported by monitoring?	Yes	0	0	0	0	0	0	0
25	Are any point source discharges within 16 miles upstream of intake?	Yes	1	1	1	1	1	0	1
26	Is pretreatment required at any of the point sources?	Yes	1	1	1	1	1	0	1
27	Are all riparian buffers vegetated?	Yes	0	0	0	0	0	0	0
28	Are vegetated riparian buffer and a water quality protection plans in place?	No	1	1	1	1	0	1	0
29	Is there urbanized land within riparian buffer?	No	0	0	0	0	0	0	0
30	Is a NPDES stormwater permit required for the urbanized areas?	No	1	1	1	1	1	1	1
31	Are voluntary water quality protection plans in place for each urbanized area?	Yes	0	0	0	0	0	0	0
32	Is there industrial land use within riparian buffer?	No	0	0	0	0	0	0	0
33	Is NPDES stormwater permit required for industrial areas?	No	1	1	1	1	1	1	1
34	Are voluntary water quality protection plans in place for each industrial area?	Yes	0	0	0	0	0	0	0
35	Are there livestock present?	Yes	1	0	1	0	0	1	0
36	Is there livestock confinement present?	Yes	1	0	1	0	0	1	0
37	Is each confined livestock facility registered with KDHE?	Yes	0	0	0	0	0	0	0
38	Are any row crops (corn, milo, soybeans) present?	Yes	0	0	1	1	0	1	0
39	Are water quality protection plans in use for each row crop production?	No	0	0	1	1	0	1	0
40	Are any orchards present?	No	0	0	0	0	0	0	0
41	Are water quality protection plans in use for each orchard?	Yes	0	0	0	0	0	0	0
42	Is there any small grain (wheat, oats, barley) production?	Yes	0	0	1	1	0	1	0
43	Are water quality protection plans in use for each small grain production?	No	0	0	1	1	0	1	0
44	Are there unsewered developments (concentrations of lagoons or septic systems) present in Zone B?	Yes	1	1	0	0	0	0	0
45	Is a general watershed water quality protection plan in use?	Yes	0	0	0	0	0	0	0
46	Are any point source discharges within 16 miles upstream of intake?	Yes	0	0	0	0	0	0	0
47	Is pretreatment required at any of the point sources?	Yes	1	1	1	1	1	0	1

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Site Comments:

The Site Comments section lists all the comments that were added for the potential sources of contamination found in the assessment area.

Local comments and feedback from people that are familiar with the assessment area is an important aspect of the assessment. The comments greatly improve the assessment by adding detail to the sites that can be referenced for more information.

This local information may include comments on potential contamination threats (or lack there of), local water quality protection initiatives, etc. Adding comments are optional and are mainly focused on sources in areas that could have the greatest impact on water supply if a spill or release occurred in the environment. It is left to the discretion of the PWS and/or source water assessment committee to add comments.

Site Comments

Public Water Supply: **ELLSWORTH CO RWD 1**

Assessment Area: **932**

Comments for Unregulated Sites

Potential Contaminant Site No.	Site Comments	Author
207639	TEST COMMENT FOR 207639	Derrick Beasley
207908	this is not there anymore	Mary ann befort
207945	this is not there anymore	Mary ann befort

Comments for Regulated Confined Animal Feeding Operations Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Binder And Son Dairy	2001226	This is a small dairy facility with no groundwater monitoring.	Nicole Fisher
CSA Cattle Co.	2002783	This cattle livestock facility has no water quality protection plans.	Nicole Fisher

Comments for Regulated Confined Animal Feeding Operations Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Dorzweiler Dairy	2000491	This cattle livestock facility has no water quality protection plans.	Nicole Fisher
Fabrizius, Paul M.	2001126	This swine facility has no groundwater monitoring.	Nicole Fisher
Fort Hays State University Farm	2001823	This is a small dairy facility with no groundwater monitoring.	Nicole Fisher
Jim Mitten Trucking Inc.	2000025	This truckwash has no groundwater monitoring.	Nicole Fisher
Ksu Agricultural Research Ctr.	2002504	This cattle livestock facility has no water quality protection plans.	Nicole Fisher
Pfannenstiel, A. J. – Site #1	2001268	This cattle livestock facility has no water quality protection plans.	Nicole Fisher
Riedel, Don D.	2002231	This cattle livestock facility has no water quality protection plans.	Nicole Fisher
Wakeeney Livestock Commission	2002569	This cattle livestock facility has no water quality protection plans.	Nicole Fisher
Walker Ranch	2000039	This cattle livestock facility has no water quality protection plans.	Nicole Fisher

Comments for Regulated Hazardous Waste Sites

Did Not Receive Any Comments

Comments for Regulated Leaking Storage Tank Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
A A Coors	3000398	the site is closed from a diesel leak in 1991. No groundwater contamination was suspected.	Nicole Fisher

Comments for Regulated Leaking Storage Tank Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Agco	3000893	The site is currently being monitored from a 1998 gasoline leak. Four domestic water wells are within .25 miles downgradient of the leak. For information contact Nathan Luna (785) 296–2579	Nicole Fisher
Charlies Service	3000267	The site is currently being monitored from a gasoline leak in 1990. For more information contact Russ England (785) 291–3793	Nicole Fisher
Cooper Oil	3001002	The site is closed from an unleaded gasoline leak in 1988. No groundwater contamination was suspected.	Nicole Fisher
Dinges, Tom	3002543	The site is closed from a gasoline leak in 1992. The contamination was within .25 miles of PWS wells #18 and #10.	Nicole Fisher
Dons 66	3000548	Tank removed	Mary Howes
Eberle Oil Co	3000202	The site is currently being monitored from a gasoline and diesel leak in 1992. Monitoring wells were established and indicated contaminated.	Nicole Fisher
Haliburton	3001017	the site is currently being monitored from a xylene leak in 1989. There are 2 PWS wells and 4 domestic water wells within .25 miles downgradient of the leak.	Nicole Fisher
Hoffman Oil Co	3001986	The site is currently being monitored from a 1993 gasoline leak. For information contact Nathan Luna (785) 296–2579	Nicole Fisher
Home Oil Supply	3000146	The site is active from a gasoline leak in 1998. Low levels of VOC's are present in the groundwater.	Nicole Fisher
Jack's Repair	3002323	The site is closed from a 1989 gasoline leak; no wells are located within .25 miles downgradient of the leak. For more information contact Sharon Elder (785) 296–1030	Nicole Fisher
Johnnie's Service Repair	3000145	The site is closed from a gasoline leak in 1994. No groundwater contamination was suspected.	Nicole Fisher
Karst Well Drilling	3001140	The site is active from a gasoline leak in 1995. Groundwater pollution did occur.	Nicole Fisher
Kerr–mcgee #6701	3000668	The site is currently being monitored from a gasoline leak in 1989. For information contact Trevor Flynn (785) 296–0699	Nicole Fisher

Comments for Regulated Leaking Storage Tank Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Mr Quick Mini Mart	3000600	The site is currently being monitored from a gasoline leak in 1992. There are 2 PWS wells and 3 domestic water wells within .25 miles downgradient of the leak.	Nicole Fisher
Quality Mart Inc.	3000203	The site is currently being monitored from a gasoline and diesel leak in 1994. Visual diesel contamination on the groundwater could be seen.	Nicole Fisher
Speedy Lube Oil	3001200	The site is closed; no leakage was detected.	Nicole Fisher
Sprint Mart/apco	3000431	The site is closed from a gasoline leak in 1990. No groundwater contamination was suspected.	Nicole Fisher
Stuckeys Dq #192	3001822	The site is currently being monitored from a 1993 unleaded mid-grade leak. One public water well was within .25 miles downgradient of the leak. For more information contact Seth Kostbar (785) 296-0642	Nicole Fisher
Trego Co Shop, Wakeeney	3000350	The site is currently being monitored from a gasoline leak in 1990.	Nicole Fisher
Usd 302, Ransom High School	3000472	Underground gasoline tank no longer at this site.	John Kraus
Yuasa-exide	3001354	The site is closed from a diesel spill in 1990. No groundwater contamination was suspected.	Nicole Fisher

Comments for Regulated Identified Contaminated Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
ELLIS COUNTY LANDFILL	7000895	This site had groundwater contaminated with VOC's. For more information please contact Michael McNulty at (785) 296-1938	Nicole Fisher
GENESEO PWS	7000820	Well #4 in 1997 had elevated nitrate levels from a nonpoint source. For more information please contact Bridgett Wilson at (785) 291-3246.	Nicole Fisher

Comments for Regulated Identified Contaminated Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
KAW PIPELINE – DAMAR DREILING	7000012	The groundwater and soil are contaminated with crude oil from a pipeline leak. Remediation is ongoing. For information contact Bryan Bain (785) 296–5548	Nicole Fisher
MIDWEST ENERGY, INC.	7000896	The soil was contaminated with mercury and the contamination has been resolved.	Nicole Fisher
OAKLEY CARBON TETRACHLORIDE	7000910	The groundwater is contaminated with volatile organic compounds from a groundwater plume located near a local coop. For information contact Bridget Wilson (785) 291–3246	Nicole Fisher
PERMIAN OIL	7000888	The soil and groundwater was contaminated with VOC's and observation wells were established in 1986.	Nicole Fisher
WEST 8TH STREET (HAYS WELLS – 20,27,28)	7000892	Soil, groundwater, PWS, and private wells were contaminated with VOC from an unknown source. For more information please contact Robert Jurgens (785) 291–3250	Nicole Fisher

Comments for Regulated Solid Waste Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Allied, Inc.	5000549	This solid waste facility is closed with approval pending.	Nicole Fisher
City of Hays	5000548	This industrial solid waste facility only accepts lime sludge.	Nicole Fisher
City of Hays	5000769	This solid waste facility is used for composting materials. No groundwater monitoring is required.	Nicole Fisher
Ellis County	5000067	This is a composting, transfer station, construction/demolition facility. No groundwater monitoring is required.	Nicole Fisher
Ellis County HHW Waste Program	5000725	This household hazardous waste facility accepts meth lab waste and no groundwater monitoring is required.	Nicole Fisher

Comments for Regulated Waste Water Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
BEAR HOUSE CAFE TRUCK STOP	6000047	This facility uses non–discharging lagoons.	Nicole Fisher
DORRANCE MWTP	6001701	This facility uses non–discharging lagoons.	Nicole Fisher
ELLIS WWTF	6001704	This mechanical water treatment plant frequently discharges within effluent limitations and monitoring requirements.	Nicole Fisher
GOVE	6001710	This facility uses non–discharging lagoons.	Nicole Fisher
KANOPOLIS MWTP	6001736	This facility uses non–discharging lagoons.	Nicole Fisher
KDHE/BER (DRY CLEANING TRUST FUND) HAYS	6000891	This facility frequently discharges water with contaminants that are within the recommended levels.	Nicole Fisher
LIEBENTHAL MWTP	6001739	This facility uses non–discharging lagoons.	Nicole Fisher
OXFORD	6001085	This facility uses nondischarging lagoons.	Nicole Fisher
ROME CORPORATION / WESTERN WELL SERVICE	6000888	This facility uses non–discharging lagoons.	Nicole Fisher
SHARON SPRINGS	6001757	This facility uses non–discharging lagoons.	Nicole Fisher
USD #292 GRAINFIELD–WHEATLAND SCHOOL	6001713	This facility uses non–discharging lagoons.	Nicole Fisher
WAKEENEY MWTP	6001762	This mechanical water treatment plant frequently discharges water at acceptable levels into the Big Creek by the Dry Tributary.	Nicole Fisher

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-04-17 10:19:46**

Added Site Comments:

The Added Site Comments section lists the comments for why sites were added as a potential source of contamination found to the assessment area.

Added Site Comments

Public Water Supply: **ELLSWORTH CO RWD 1**

Assessment Area: **932**

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
CRP	9000537	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Co-op- grain storage and ag. services	9000587	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Fuel, grain and feed and hay storage	9000539	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Fuel, grain and feed and hay storage	9000583	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Fuel, grain and feed and hay storage	9000586	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Fuel, grain and feed and hay storage	9000651	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Fuel, grain and feed and hay storage	9000657	This information was obtained from the Wellhead Protection Plan.	Gary Saunders
Fuel, grain and feed and hay storage	9000683	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Fuel, grain and feed and hay storage	9001210	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain and feed and hay storage	9001225	This site could contaminate the public water supply.	Nicole Fisher

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
Fuel, grain and feed and hay storage	9001241	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain and feed and hay storage	9001244	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain and feed and hay storage	9001247	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain and feed and hay storage	9001435	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain and feed and hay storage	9001587	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain, and feed and hay storage	9000655	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Fuel, grain, and feed and hay storage	9000957	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain, and feed and hay storage	9001027	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain, and feed and hay storage	9001079	This site could contaminate the public water supply.	Nicole Fisher
Irrigation equipment, pump site, and well	9000538	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Irrigation equipment, pump site, and well	9000661	This information was obtained from the Wellhead Protection Plan.	Gary Saunders
Natural Gas pipeline and crude petroleum pipelines	9000584	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
Natural Gas pipeline and crude petroleum pipelines	9000686	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
above and below ground storage tanks	9000645	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
chemical Storage company	9000637	Noxious Weed Chemical Storage	Dale Wing
chemical Storage company	9000637	Noxious Weed Chemical Storage	Dale Wing
chemical Storage company	9000637	Ellis C. Noxious Weed Chemical Storage	Dale Wing
chemical Storage company	9000637	Noxious Weed Chemical Storage	Dale Wing
cropland	9000955	This site could contaminate the public water supply.	Nicole Fisher
cropland	9000958	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001024	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001026	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001080	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001098	This site could contaminate the public water supply.	Nicole Fisher

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
cropland	9001109	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001236	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001248	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001425	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001434	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001438	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001536	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001537	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001585	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001639	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001641	This site could contaminate the public water supply.	Nicole Fisher
dryland cropland	9000533	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
dryland cropland	9000684	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
dryland wheat field	9000643	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
dryland wheat field	9000646	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
dryland wheat field	9000653	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
dryland wheat field	9000660	This information was obtained from the Wellhead Protection Plan.	Gary Saunders
dryland wheat field	9000662	This information was obtained from the Wellhead Protection Plan.	Gary Saunders
football field	9000650	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
golf course	9000535	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
irrigated and dryland cropland	9000536	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
milos field	9000581	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
milos field	9000588	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
non-discharging lagoons	9001025	This site could contaminate the public water supply.	Nicole Fisher

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
non-discharging lagoons	9001640	This site could contaminate the public water supply.	Nicole Fisher
oil and gas wells	9000648	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
oil and gas wells	9000654	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
oil wells	9001108	This site could contaminate the public water supply.	Nicole Fisher
oil wells	9001211	This site could contaminate the public water supply.	Nicole Fisher
oil wells	9001226	This site could contaminate the public water supply.	Nicole Fisher
oil wells	9001239	This site could contaminate the public water supply.	Nicole Fisher
oil wells	9001242	This site could contaminate the public water supply.	Nicole Fisher
oil wells	9001245	This site could contaminate the public water supply.	Nicole Fisher
oil wells	9001426	This site could contaminate the public water supply.	Nicole Fisher
oil wells	9001586	This site could contaminate the public water supply.	Nicole Fisher
oil wells	9001588	This site could contaminate the public water supply.	Nicole Fisher

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
oil wells	9001590	This site could contaminate the public water supply.	Nicole Fisher
on-site wastewater facility	9000585	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
on-site wastewater facility	9000589	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
on-site wastewater facility	9000642	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
on-site wastewater facility	9000656	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
on-site wastewater facility	9000658	This information was obtained from the Wellhead Protection Plan.	Gary Saunders
on-site wastewater facility	9000664	This information was obtained from the Wellhead Protection Plan.	Gary Saunders
pastureland	9001028	This site could contaminate the public water supply.	Nicole Fisher
pastureland	9001102	This site could contaminate the public water supply.	Nicole Fisher
pastureland	9001212	This site could contaminate the public water supply.	Nicole Fisher
pastureland	9001240	This site could contaminate the public water supply.	Nicole Fisher
pastureland	9001243	This site could contaminate the public water supply.	Nicole Fisher

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
pastureland	9001246	This site could contaminate the public water supply.	Nicole Fisher
pastureland	9001535	This site could contaminate the public water supply.	Nicole Fisher
pastureland	9001589	This site could contaminate the public water supply.	Nicole Fisher
pastureland and CRP	9000685	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
pastureland with cattle	9000534	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
pastureland with cattle	9000582	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
pastureland with stock cattle	9000644	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
pastureland with stock cattle	9000649	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
pastureland with stock cattle	9000659	This information was obtained from the Wellhead Protection Plan.	Gary Saunders
pastureland with stock cattle	9000663	This information was obtained from the Wellhead Protection Plan.	Gary Saunders
pastureland with stock cattle and CRP	9000652	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
rural residence	9000617	on-site wastewater	Dale Wing

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
rural residence	9000618	on-site wastewater	Dale Wing
rural residence	9000619	on-site wastewater	Dale Wing
rural residence	9000620	on-site wastewater	Dale Wing
rural residence	9000621	on-site wastewater	Dale Wing
rural residence	9000622	on-site wastewater	Dale Wing
rural residence	9000623	on-site wastewater	Dale Wing
rural residence	9000624	on-site wastewater	Dale Wing
rural residence	9000625	on-site wastewater	Dale Wing
rural residence	9000626	on-site wastewater	Dale Wing
rural residence	9000627	on-site wastewater	Dale Wing
rural residence	9000628	on-site wastewater	Dale Wing
rural residence	9000629	on-site wastewater	Dale Wing

Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
rural residence	9000630	on-site wastewater	Dale Wing
rural residence	9000631	on-site wastewater	Dale Wing
rural residence	9000632	on-site wastewater	Dale Wing
rural residence	9000633	on-site wastewater	Dale Wing
rural residence	9000634	on-site wastewater	Dale Wing
sand pit	9000641	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
underground gas oil pipelines	9000647	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
wastewater treatment facility	9000635	on-site wastewater treatment	Dale Wing
wastewater treatment facility	9000636	on-site wastewater treatment	Dale Wing
Unknown	9000616	On-site wastewater system	Dale Wing

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**
Diversion Id's: **999**
Status: **Accepted**
Submit Date: **2003-04-17 10:19:46**

Analysis Question Comments:

The Analysis Question Comments section lists all the comments that were added during analysis portion of the assessment, in which a series of yes/no questions were asked.

Evaluators have the option to add comments to questions to clarify why a response was given or to give more details to a question. Local comments and feedback from people that are familiar with the assessment area is an important aspect of the assessment. The comments greatly improve the assessment by adding clarification and details that could not be identified with a simple yes or no response.

Analysis Question Comments

Public Water Supply: **ELLSWORTH CO RWD 1**
Assessment Area: **932**

Comments for Analysis Questions

Analysis Question	Question Comments	Author
Is a general watershed water quality protection plan in use?	The intake is located within the Watershed Protection Plan implemented for Kanopolis Lake with a Federal Grant.	Nicole Fisher